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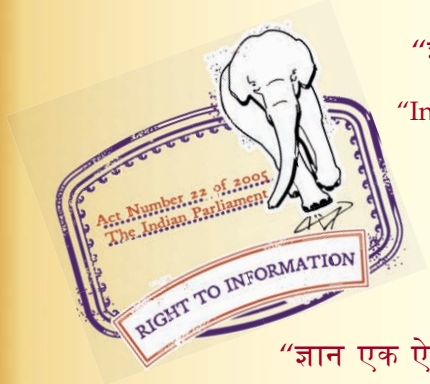

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SPECIFICATION FOR COCONUT OILCAKE AS LIVESTOCK FEED INGREDIENT

(Second Revision)

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SPECIFICATION FOR COCONUT OILCAKE AS LIVESTOCK FEED INGREDIENT

(Second Revision)

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Indian Standard

SPECIFICATION FOR COCONUT OILCAKE AS LIVESTOCK FEED INGREDIENT

(Second Revision)

0. FOREWORD

0.1 This Indian Standard (Second Revision) was adopted by the Indian Standards Institution on 31 January 1986, after the draft finalized by the Animal Feeds Sectional Committee had been approved by the Agricultural and Food Products Division Council.

0.2 This standard was first issued in 1962 and revised in 1972. Since then considerable modifications have taken place in the technology of processing coconut. Further, the recent data collected from all over the country indicated the need for revising the specification. Opportunity has also been taken to align test methods.

0.3 Inclusion of the aflatoxin limit in the standard did not find favour with the committee at this stage because of the non-availability of a reliable and quick method for its determination. Further, data for fixing a safe limit in the product meant for livestock feed was also not available. However, it was a considered view of the committee for fixing this limit as early as possible.

0.4 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS:2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

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1. SCOPE

1.1 This standard prescribes the requirements and the methods of sampling and test for coconut oilcake used as livestock feed ingredient.

*Rules for rounding off numerical values (*revised*).

2. TYPES

2.1 The material shall be of the following two types:

Type I Product obtained after expression of oil by the expeller, hydraulic or rotary method.

Type II Product obtained after expression of oil by *Ghani* or *Chekku* which may be either animal or power driven.

3. REQUIREMENTS

3.1 General — The material shall be free from rancidity, adulterants, insect or visible fungus infestation and from fermented, musty or other objectionable odour. It shall also be free from extraneous matter, including metallic pieces.

3.2 The material shall also conform to the requirements prescribed in Table 1.

TABLE 1 REQUIREMENTS FOR COCONUT OILCAKE AS LIVESTOCK FEED INGREDIENT

Sl No.	Characteristic	Requirement		Method of Test, Ref to Cl No. in IS:7874 (Part I)-1975*
		Type I	Type II	
(1)	(2)	(3)	(4)	(5)
i)	Moisture, percent by mass, *Max*	10·0	10·0	4
ii)	Crude protein (N×6·25), percent by mass, *Min*	22·0	18·0	5
iii)	Crude fat or ether extract, percent by mass, *Min*	6·5	11·0	7
iv)	Crude fibre, percent by mass, *Max*	12·0	10·0	8
v)	Acid insoluble ash, percent by mass, *Max*	1·5	1·5	10

NOTE — The values specified for requirements (ii) to (v) are on moisture-free-basis.

*Methods of tests for animal feeds and feeding stuffs: Part 1 General methods.

4. PACKING AND MARKING

4.1 Packing — Unless agreed to between the purchaser and the vendor, the material shall be packed in clean, dry and sound jute bags or HDPE bags. The bags shall be securely closed with strong twine.

4.2 Marking — Each bag shall be indelibly and legibly marked so as to give the following information:

a) Name and type of the material;

b) Name of the manufacturer;

c) Batch or code number;

d) Net mass in kg, when packed; and

e) Date of packing.

5. SAMPLING

5.1 Representative samples of the material for ascertaining conformity to this standard, shall be drawn according to the method prescribed in Appendix C of IS: 2052-1979*.

6. TESTS

6.1 Tests shall be carried out as prescribed in col 5 of Table 1.

6.2 Quality of Reagents — Unless specified otherwise, pure chemicals and distilled water (*see* IS: 1070-1977†) shall be employed in tests.

NOTE — 'Pure chemicals' shall mean chemicals that do not contain impurities which affect the results of analysis.

*Specification for compounded feeds for cattle (*third revision*).

†Specification for water for general laboratory use (*second revision*).

(*Continued from page* 2)

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Headquarters:

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Telephones: 3 31 01 31, 3 31 13 75 Telegrams: Manaksanstha
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